

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2009 Levee Inspection Results

Reclamation District No. 0003

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet
Spring 2009 Levee Inspection Results
Reclamation District No. 0003**

Waterway		Bank	Unit Miles
Unit No. 01 Left Bank Steamboat Slough		Left	11.00

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/23/2009 - 3/23/2009			
DWR Inspector	Richard Willoughby			
Accompanied By	Michael Moncrief MBK			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000.

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0003

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	11.00	03/23/2009 03/23/2009	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.04	0.04	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees to at least five feet above ground level.	38.303980 ° -121.575115 °	38.303980 ° -121.575115 °		3
2	0.04	10.72	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.303963 ° -121.575167 °	38.183959 ° -121.648248 °		969
3	0.04	10.72	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.303962 ° -121.575168 °	38.183958 ° -121.648248 °		968
4	0.12	0.12	Earthen Levee	Encroachments	WS	C	Tree or limb	38.303397 ° -121.576415 °	38.303397 ° -121.576415 °		4
5	0.18	0.24	Boat Survey	Boat Survey Erosion	WS	M	Inspector Comments: tree hazards	38.303083 ° -121.577387 °	38.302623 ° -121.578325 °		967
6	0.21	0.21	Earthen Levee	Encroachments	WS	M	Tree or limb	38.302632 ° -121.577672 °	38.302632 ° -121.577672 °		5
7	0.22	0.33	Earthen Levee	Encroachments	WS	CO	Landscaping	38.302530 ° -121.577848 °	38.301424 ° -121.579113 °	Y	6
8	0.42	0.46	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes.	38.300155 ° -121.579647 °	38.299666 ° -121.579984 °		970
9	0.50	0.52	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.299165 ° -121.580345 °	38.298922 ° -121.580502 °		8
10	0.58	0.58	Earthen Levee	Encroachments	WS	M	Tree or limb	38.298127 ° -121.580827 °	38.298127 ° -121.580827 °	Y	9
11	0.60	0.60	Earthen Levee	Encroachments	LS	M	Prunings	38.297773 ° -121.580934 °	38.297773 ° -121.580934 °		28
12	0.68	0.68	Earthen Levee	Encroachments	WS	M	Tree or limb	38.296680 ° -121.581133 °	38.296680 ° -121.581133 °		29
13	0.88	0.98	Boat Survey	Boat Survey Erosion	WS	M	Inspector Comments: tree hazards	38.293387 ° -121.580012 °	38.292683 ° -121.582918 °		965
14	1.03	1.03	Earthen Levee	Encroachments	LS	M	Prunings	38.291880 ° -121.582702 °	38.291880 ° -121.582702 °		11
15	1.08	1.09	Earthen Levee	Trim / Thin Trees	LS	U	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.291055 ° -121.582765 °	38.290898 ° -121.582777 °	Y	12
16	1.21	1.27	Earthen Levee	Encroachments	LS	CO	Landscaping	38.289210 ° -121.582770 °	38.288390 ° -121.582818 °	Y	13
17	1.29	1.31	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.288052 ° -121.582817 °	38.287825 ° -121.582852 °		14

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected
C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0003

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector		
Unit No. 01 Left Bank Steamboat Slough				Left	11.00	03/23/2009 03/23/2009	Richard Willoughby		

LMR Line	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
18	1.45	1.45	Boat Survey	Boat Survey Erosion	WS	M	Inspector Comments: tree hazards, caves	° °	° °		964
19	1.60	1.62	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.284807 ° -121.586333 °	38.284610 ° -121.586607 °		15
20	1.64	1.66	Earthen Levee	Encroachments	LS	PO	Landscaping	38.284422 ° -121.586893 °	38.284177 ° -121.587208 °		16
21	1.71	1.71	Earthen Levee	Encroachments	WS	M	Tree or limb	38.283551 ° -121.587783 °	38.283551 ° -121.587783 °		35
22	1.73	1.74	Earthen Levee	Encroachments	WS	M	Prunings	38.283432 ° -121.587877 °	38.283198 ° -121.588050 °		17
23	1.77	1.79	Earthen Levee	Encroachments	LS	PO	Landscaping	38.282802 ° -121.588252 °	38.282615 ° -121.588297 °		18
24	2.69	2.69	Earthen Levee	Encroachments	WS	M	Tree or limb	38.271021 ° -121.588606 °	38.271021 ° -121.588606 °	Y	38
25	2.80	2.83	Boat Survey	Boat Survey Erosion	WS	M	Inspector Comments: tree hazards	38.269282 ° -121.588964 °	38.268859 ° -121.588655 °		962
26	3.13	3.15	Earthen Levee	Encroachments	LS	CO	Landscaping	38.264902 ° -121.587193 °	38.264580 ° -121.587220 °		20
27	3.15	3.15	Earthen Levee	Encroachments	WS	M	Material	38.264605 ° -121.587201 °	38.264605 ° -121.587201 °	Y	40
28	4.64	4.64	Earthen Levee	Encroachments	LS	M	Prunings	38.249725 ° -121.601045 °	38.249725 ° -121.601045 °		21
29	5.37	5.40	Earthen Levee	Encroachments	LS	PO	Landscaping	38.239276 ° -121.601899 °	38.238852 ° -121.602000 °		43
30	5.48	5.56	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.237690 ° -121.602231 °	38.236575 ° -121.602155 °		44
31	5.53	5.53	Earthen Levee	Encroachments	LS	PO	Landscaping	38.237000 ° -121.602208 °	38.237000 ° -121.602208 °		45
32	5.79	5.79	Earthen Levee	Encroachments	LS	CO	Landscaping	38.233421 ° -121.601389 °	38.233421 ° -121.601389 °		48
33	5.79	5.81	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.233337 ° -121.601374 °	38.233078 ° -121.601302 °		49
34	5.81	5.81	Earthen Levee	Encroachments	WS	M	Tree or limb	38.233044 ° -121.601313 °	38.233044 ° -121.601313 °		50

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Unit No. 01 Left Bank Steamboat Slough	Left	11.00	03/23/2009 03/23/2009	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
35	7.08	7.10	Earthen Levee	Encroachments	LS	PO	Landscaping	38.215490 ° -121.604700 °	38.215355 ° -121.604793 °	Y	23
36	7.81	7.83	Earthen Levee	Encroachments	WS	PO	Landscaping	38.205964 ° -121.609576 °	38.205733 ° -121.609608 °	Y	971
37	7.95	8.00	Earthen Levee	Encroachments	LS	CO	Landscaping	38.203945 ° -121.609932 °	38.203283 ° -121.610025 °	Y	25
38	8.47	8.50	Earthen Levee	Encroachments	LS	PO	Landscaping	38.197027 ° -121.613093 °	38.196635 ° -121.613390 °		26
39	8.94	8.94	Earthen Levee	Encroachments	LS	M	Prunings	38.193215 ° -121.620093 °	38.193215 ° -121.620093 °	Y	972
40	8.98	8.98	Earthen Levee	Encroachments	WS	M	Tree or limb	38.193005 ° -121.620666 °	38.193005 ° -121.620666 °		973
41	10.20	10.22	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.188613 ° -121.641175 °	38.188388 ° -121.641485 °	Y	27

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Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0003

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	11.00	03/23/2009 03/23/2009	Richard Willoughby

Levee Mile Report Line	7
Start Levee Mile	0.22
End Levee Mile	0.33
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Dense landscaping on waterside from LM 0.22 to 0.28



Levee Mile Report Line	7
Start Levee Mile	0.22
End Levee Mile	0.33
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Looking upstream at dense landscaping on waterside slope from LM 0.22 to 0.28



Levee Mile Report Line	10
Start Levee Mile	0.58
End Levee Mile	0.58
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Down tree limbs on waterward slop at LM 0.58



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Levee Inspections**

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	11.00	03/23/2009 03/23/2009	Richard Willoughby

Levee Mile Report Line	15
Start Levee Mile	1.08
End Levee Mile	1.09
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Down tree limbs on landside slope from LM 1.08 to 1.09	



Levee Mile Report Line	16
Start Levee Mile	1.21
End Levee Mile	1.27
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping on landside slope block view of levee from LM 1.21 to 1.27	



Levee Mile Report Line	24
Start Levee Mile	2.69
End Levee Mile	2.69
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Down tree limbs on waterside slope.	

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Unit No. 01 Left Bank Steamboat Slough	Left	11.00	03/23/2009 03/23/2009	Richard Willoughby

Levee Mile Report Line	27
Start Levee Mile	3.15
End Levee Mile	3.15
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Concrete rubble on waterside slope.	



Levee Mile Report Line	35
Start Levee Mile	7.08
End Levee Mile	7.10
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Large Cactus plant on landside shoulder block view of levee slope from LM 7.08 to 7.10	



Levee Mile Report Line	36
Start Levee Mile	7.81
End Levee Mile	7.83
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Front view of dense trees at landside toe.	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0003

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Unit No. 01 Left Bank Steamboat Slough	Left	11.00	03/23/2009 03/23/2009	Richard Willoughby

Levee Mile Report Line	36
Start Levee Mile	7.81
End Levee Mile	7.83
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Side view of dense trees at landside toe.



Levee Mile Report Line	37
Start Levee Mile	7.95
End Levee Mile	8.00
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Landscaping (Ivy) on landside slope blocking view of levee from LM 7.95 to 8.00



Levee Mile Report Line	39
Start Levee Mile	8.94
End Levee Mile	8.94
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Fence is located at landside shoulder



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Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0003

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	11.00	03/23/2009 03/23/2009	Richard Willoughby

Levee Mile Report Line	41
Start Levee Mile	10.20
End Levee Mile	10.22
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Trees to be trimmed on landside shoulder from LM 10.20 to 10.22	



Levee Mile Report Line	41
Start Levee Mile	10.20
End Levee Mile	10.22
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Side view of trees on landside shoulder.	

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2009 Levee Inspection Results

Reclamation District No. 0003

Waterway		Bank	Unit Miles
Unit No. 02 Right Bank Sacramento River		Right	17.60

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/24/2009 - 3/24/2009			
DWR Inspector	Richard Willoughby			
Accompanied By				

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
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X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0003

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.60	03/24/2009 03/24/2009	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.39	0.39	Earthen Levee	Repair Gates	CR	A	Inspector Comments: no key to gate.	38.173950 ° -121.647217 °	38.173950 ° -121.647217 °		1
2	1.43	1.43	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.170077 ° -121.629809 °	38.170077 ° -121.629809 °		946
3	1.52	1.52	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.169387 ° -121.628608 °	38.169387 ° -121.628608 °	Y	947
4	1.79	1.79	Earthen Levee	Encroachments	WS	M	Prunings	38.167400 ° -121.624333 °	38.167400 ° -121.624333 °		4
5	1.88	1.92	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.166765 ° -121.622864 °	38.166561 ° -121.622309 °		69
6	1.93	1.98	Earthen Levee	Encroachments	WS	CO	Landscaping	38.166525 ° -121.622201 °	38.166176 ° -121.621332 °		70
7	2.69	2.80	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.164430 ° -121.609077 °	38.164660 ° -121.607218 °		5
8	2.97	3.55	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.165333 ° -121.604301 °	38.170503 ° -121.596314 °		948
9	2.97	17.59	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.165334 ° -121.604301 °	38.303867 ° -121.573945 °		949
10	3.27	3.29	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.167618 ° -121.599708 °	38.167793 ° -121.599442 °		6
11	3.50	17.59	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.169956 ° -121.596838 °	38.303868 ° -121.573942 °		950
12	3.75	4.07	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.172970 ° -121.594503 °	38.176957 ° -121.591698 °		7
13	4.22	4.23	Earthen Levee	Encroachments	LS	PO	Landscaping	38.178846 ° -121.590440 °	38.178975 ° -121.590336 °		93
14	4.25	4.35	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.179187 ° -121.590102 °	38.180373 ° -121.589135 °		8
15	4.36	4.42	Earthen Levee	Encroachments	LS	CO	Landscaping	38.180531 ° -121.589103 °	38.181330 ° -121.588480 °		92
16	4.75	4.79	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.185123 ° -121.585107 °	38.185580 ° -121.584657 °		9
17	4.93	5.09	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.187155 ° -121.583113 °	38.188693 ° -121.580892 °		10

*** Location**

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Levee Inspections**

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Reclamation District No. 0003

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Unit No. 02 Right Bank Sacramento River	Right	17.60	03/24/2009 03/24/2009	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
18	5.94	6.00	Earthen Levee	Encroachments	LS	CO	Landscaping	38.193552 ° -121.566933 °	38.193832 ° -121.565995 °	Y	11
19	6.00	6.00	Earthen Levee	Encroachments	LS	CO	Landscaping	38.193841 ° -121.566021 °	38.193841 ° -121.566021 °	Y	89
20	6.66	6.69	Earthen Levee	Encroachments	LS	CO	Landscaping	38.201255 ° -121.558977 °	38.201634 ° -121.558886 °		88
21	7.02	7.04	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.206363 ° -121.558520 °	38.206598 ° -121.558530 °	Y	12
22	7.27	7.33	Earthen Levee	Slope Stability	LS	C	Repair slope instability. Inspector Comments: Landowner has removed 300' x 21' of landward slope next to ramp. Landowner has repaired levee without DWR Supervision. No certified compaction results provide.	38.209860 ° -121.558600 °	38.209860 ° -121.558600 °		67
23	7.79	7.82	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.217352 ° -121.558432 °	38.217683 ° -121.558368 °		13
24	9.13	9.13	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.235932 ° -121.559620 °	38.235932 ° -121.559620 °		14
25	9.18	9.18	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.236608 ° -121.559468 °	38.236608 ° -121.559468 °		15
26	9.35	9.45	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.238827 ° -121.558117 °	38.240018 ° -121.557053 °		16
27	9.47	9.53	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.240130 ° -121.556948 °	38.240853 ° -121.556247 °		17
28	9.53	9.79	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.240870 ° -121.556232 °	38.242473 ° -121.552207 °		18
29	9.83	9.97	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.242519 ° -121.551437 °	38.242274 ° -121.548848 °		86
30	10.13	10.13	Earthen Levee	Encroachments	LS	CO	Fences	38.241880 ° -121.546108 °	38.241880 ° -121.546108 °	Y	19
31	10.15	10.15	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.241793 ° -121.545640 °	38.241793 ° -121.545640 °		20
32	10.24	10.29	Earthen Levee	Encroachments	LS	PO	Landscaping	38.241551 ° -121.544035 °	38.241422 ° -121.543236 °		85
33	10.34	10.38	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.241160 ° -121.542377 °	38.241005 ° -121.541618 °		22

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0003

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River				Right	17.60	03/24/2009 03/24/2009	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
34	10.71	10.73	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.239580 ° -121.535943 °	38.239480 ° -121.535508 °		23
35	10.87	10.87	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.238977 ° -121.533173 °	38.238977 ° -121.533173 °		24
36	11.03	11.15	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.238778 ° -121.530237 °	38.239098 ° -121.528138 °		25
37	11.30	11.33	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.239702 ° -121.525415 °	38.239782 ° -121.524965 °		26
38	11.42	11.42	Earthen Levee	Encroachments	LS	M	Prunings	38.239917 ° -121.523265 °	38.239917 ° -121.523265 °	Y	27
39	11.58	11.84	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.240093 ° -121.520542 °	38.241842 ° -121.516445 °		28
40	11.63	11.73	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.240158 ° -121.519508 °	38.240752 ° -121.517918 °		29
41	11.96	11.98	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.243145 ° -121.515005 °	38.243333 ° -121.514823 °		30
42	12.03	12.07	Earthen Levee	Encroachments	LS	CO	Landscaping	38.243915 ° -121.514254 °	38.244392 ° -121.513740 °		83
43	12.23	12.30	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.246310 ° -121.512157 °	38.247332 ° -121.511773 °		31
44	12.33	12.40	Earthen Levee	Encroachments	LS	PO	Landscaping	38.247788 ° -121.511695 °	38.248682 ° -121.511657 °		32
45	12.47	12.47	Earthen Levee	Encroachments	LS	M	Prunings	38.249665 ° -121.511765 °	38.249665 ° -121.511765 °		33
46	12.48	12.55	Earthen Levee	Encroachments	LS	PO	Landscaping	38.249920 ° -121.511845 °	38.250808 ° -121.512152 °		34
47	12.60	12.63	Earthen Levee	Encroachments	LS	CO	Landscaping	38.251463 ° -121.512458 °	38.251873 ° -121.512678 °		35
48	12.77	12.85	Earthen Levee	Encroachments	LS	PO	Landscaping	38.253593 ° -121.513883 °	38.254590 ° -121.514862 °		37
49	12.79	12.88	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.253923 ° -121.514178 °	38.254910 ° -121.515172 °		38
50	12.88	12.97	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.254912 ° -121.515173 °	38.255888 ° -121.516165 °		39

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0003

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.60	03/24/2009 03/24/2009	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
51	13.02	13.02	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.256430 ° -121.516825 °	38.256430 ° -121.516825 °		40
52	13.05	13.08	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.256710 ° -121.517232 °	38.256958 ° -121.517590 °		41
53	13.10	13.56	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.257205 ° -121.517928 °	38.261733 ° -121.523960 °		42
54	13.25	13.30	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.258598 ° -121.519970 °	38.259100 ° -121.520657 °		43
55	13.26	13.29	Earthen Levee	Encroachments	LS	CO	Landscaping	38.258703 ° -121.520160 °	38.259003 ° -121.520557 °		82
56	13.38	13.56	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.259953 ° -121.521718 °	38.261793 ° -121.524037 °		44
57	13.72	13.72	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.263283 ° -121.526115 °	38.263283 ° -121.526115 °		45
58	13.72	13.75	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.263332 ° -121.526183 °	38.263600 ° -121.526532 °		46
59	13.79	13.82	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.264067 ° -121.527085 °	38.264395 ° -121.527493 °		47
60	14.00	14.05	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.266207 ° -121.529727 °	38.266647 ° -121.530302 °		48
61	14.14	14.14	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.267608 ° -121.531587 °	38.267608 ° -121.531587 °		49
62	14.36	14.38	Earthen Levee	Encroachments	LS	PO	Landscaping	38.269642 ° -121.534540 °	38.269882 ° -121.534863 °		50
63	14.57	14.62	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.271782 ° -121.537437 °	38.272182 ° -121.537967 °		51
64	14.85	15.19	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.274498 ° -121.541015 °	38.278153 ° -121.545318 °		52
65	15.20	15.27	Earthen Levee	Encroachments	LS	PO	Landscaping	38.278237 ° -121.545405 °	38.278930 ° -121.546218 °		53
66	15.28	15.70	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.279053 ° -121.546387 °	38.282907 ° -121.552192 °		54
67	15.56	15.56	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.281778 ° -121.550115 °	38.281778 ° -121.550115 °		55

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0003

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.60	03/24/2009 03/24/2009	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
68	15.66	15.68	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees to at least five feet above ground level.	38.282558 ° -121.551558 °	38.282767 ° -121.551938 °		56
69	15.78	16.08	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.283623 ° -121.553395 °	38.286760 ° -121.557067 °		57
70	15.83	15.91	Earthen Levee	Encroachments	LS	CO	Landscaping	38.284124 ° -121.554084 °	38.284933 ° -121.555052 °		79
71	15.83	15.83	Earthen Levee	Encroachments	LS	M	Tree or limb	38.284175 ° -121.554085 °	38.284175 ° -121.554085 °	Y	58
72	16.03	16.03	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.286278 ° -121.556525 °	38.286278 ° -121.556525 °		59
73	16.45	16.51	Earthen Levee	Encroachments	LS	PO	Landscaping	38.290742 ° -121.561575 °	38.291390 ° -121.562268 °		60
74	16.61	16.65	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees to at least five feet above ground level.	38.292553 ° -121.563428 °	38.293048 ° -121.563953 °		61
75	16.71	16.81	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.293658 ° -121.564602 °	38.294848 ° -121.565752 °		62
76	16.75	16.78	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees to at least five feet above ground level.	38.294112 ° -121.565053 °	38.294405 ° -121.565335 °		63
77	16.79	16.88	Boat Survey	Boat Survey Erosion	WS	M	Inspector Comments: none	38.295746 ° -121.566244 °	38.294773 ° -121.565325 °		945
78	16.80	16.80	Earthen Levee	Encroachments	LS	M	Tree or limb	38.294680 ° -121.565667 °	38.294680 ° -121.565667 °		78
79	16.84	16.90	Earthen Levee	Encroachments	LS	PO	Landscaping	38.295082 ° -121.566037 °	38.295832 ° -121.566756 °		77
80	16.90	16.90	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.295813 ° -121.566625 °	38.295813 ° -121.566625 °		64
81	17.20	17.20	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.299430 ° -121.569748 °	38.299430 ° -121.569748 °		65
82	17.54	17.61	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.303487 ° -121.573158 °	38.303983 ° -121.574180 °		66

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0003

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.60	03/24/2009 03/24/2009	Richard Willoughby

Levee Mile Report Line	3
Start Levee Mile	1.52
End Levee Mile	1.52
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Side view of trees to be trimmed on landside shoulder.



Levee Mile Report Line	18
Start Levee Mile	5.94
End Levee Mile	6.00
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Oleander on landside shoulder blocking view of levee slope from LM 5.94 to 6.00



Levee Mile Report Line	18
Start Levee Mile	5.94
End Levee Mile	6.00
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Oleander on landside shoulder blocking view of levee slope from LM 5.94 to 6.00



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Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
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Levee Mile Report Line	19
Start Levee Mile	6.00
End Levee Mile	6.00
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Front view of dense trees at landside shoulder.



Levee Mile Report Line	19
Start Levee Mile	6.00
End Levee Mile	6.00
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Side view of dense trees at landside shoulder and slope.



Levee Mile Report Line	19
Start Levee Mile	6.00
End Levee Mile	6.00
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Side view of dense trees along landowner ramp.



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Levee Mile Report Line	21
Start Levee Mile	7.02
End Levee Mile	7.04
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Dense trees at landside toe and shoulder



Levee Mile Report Line	21
Start Levee Mile	7.02
End Levee Mile	7.04
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Front view of palm trees on landside shouldr



Levee Mile Report Line	30
Start Levee Mile	10.13
End Levee Mile	10.13
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Block/Concrete fence on landside shoulder at LM 10.13



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Levee Mile Report Line	30
Start Levee Mile	10.13
End Levee Mile	10.13
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Block/Concrete fence on landside shoulder at LM 10.13	



Levee Mile Report Line	38
Start Levee Mile	11.42
End Levee Mile	11.42
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Down tree limbs on landside slope.	



Levee Mile Report Line	71
Start Levee Mile	15.83
End Levee Mile	15.83
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Down tree limbs on landside slope at LM 15.83	

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Levee Inspection Report By Mile - Spring 2009

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Levee Mile Report Line	71
Start Levee Mile	15.83
End Levee Mile	15.83
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Down tree limbs on landside slope at LM 15.83



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